



This spreadsheet performs screening level calculations to estimate the effect of peeling leaded paint on the average concentration of lead in yard soil
3539 Willams Street

INPUTS		Units	House
General	Variable		
	Mixing depth in yard	cm	2.54
	Mixing depth in yard	inches	1
	Soil density	g/cm3	2.5
	RBC in soil	mg/kg	400
House-specific	Bkg in clean fill	mg/kg	50
			Small
	Area of the exposure unit	m2	49.05281
	Area of the exposure unit	ft2	528
	Concentration of lead in paint	mg/cm2	15.1
	Area of peeling paint	m2	1.858061
	Area of peeling paint	ft2	20
COMPUTATIONS			
	Mass of lead from paint	mg	2.8E+05
	Volume of soil	cm3	1.2E+06
	Mass of soil	kg	3.1E+03
	Incremental concentration	mg/kg	90.1
	Maximum acceptable area of peeling leaded paint (m2)		7.2
	Maximum acceptable area of peeling leaded paint (ft2)		77.7
DECISION			OK

August 18, 2005

LBP Assessment Results

Strata Environmental Resource

Time	Site	Component	Substrate	Side	Condition	Color	Floor	Room	Results	Depth Ind.	PbC	PbC Error
8/18/2005 11:32	347	EXT. WALL	BRICK	NORTH	CRACKED	TAN	FIRST	OUTSIDE	Positive	10	13.7	1.6
8/18/2005 11:33	347	DOOR FRAME	WOOD	WEST	CRACKED	GREEN	FIRST	OUTSIDE	Positive	7.47	12.1	1.5
8/18/2005 11:34	347	WINDOW SILL	CONCRETE	WEST	CRACKED	GREEN	FIRST	OUTSIDE	Positive	10	12.8	1.6
8/18/2005 11:35	347	TRIM	BRICK	EAST	CRACKED	GREEN	FIRST	OUTSIDE	Positive	10	13.9	1.7
8/18/2005 11:36	347	RAIN GUTTER	METAL	EAST	CRACKED	GREEN	FIRST	OUTSIDE	Negative	1	0	0.02
8/18/2005 11:36	347	THRESHOLD	CONCRETE	EAST	CRACKED	BROWN	FIRST	PORCH	Negative	1.13	0.01	0.02
8/18/2005 11:38	347	EXT. WALL	BRICK	NORTH	CRACKED	TAN	FIRST	OUTSIDE	Negative	1.4	0.01	0.02
8/18/2005 11:39	347	WINDOW SILL	WOOD	NORTH	PEELING	GREEN	FIRST	OUTSIDE	Positive	7.49	15.1	1.6
8/18/2005 11:41	347	EXT. WALL	WOOD	WEST	INTACT	TAN	FIRST	OUTSIDE	Negative	1.34	0	0.02
8/18/2005 11:42	347	DOOR FRAME	WOOD	WEST	INTACT	GREEN	FIRST	OUTSIDE	Negative	1.4	0	0.02
8/18/2005 11:42	347	WINDOW FRAME	WOOD	WEST	INTACT	GREEN	FIRST	OUTSIDE	Negative	1	0	0.02
Note: Readings are in mg/cm²												
Painted surfaces not tested were assessed to be in "intact" condition at time of site visit.												

Color Photo(s)

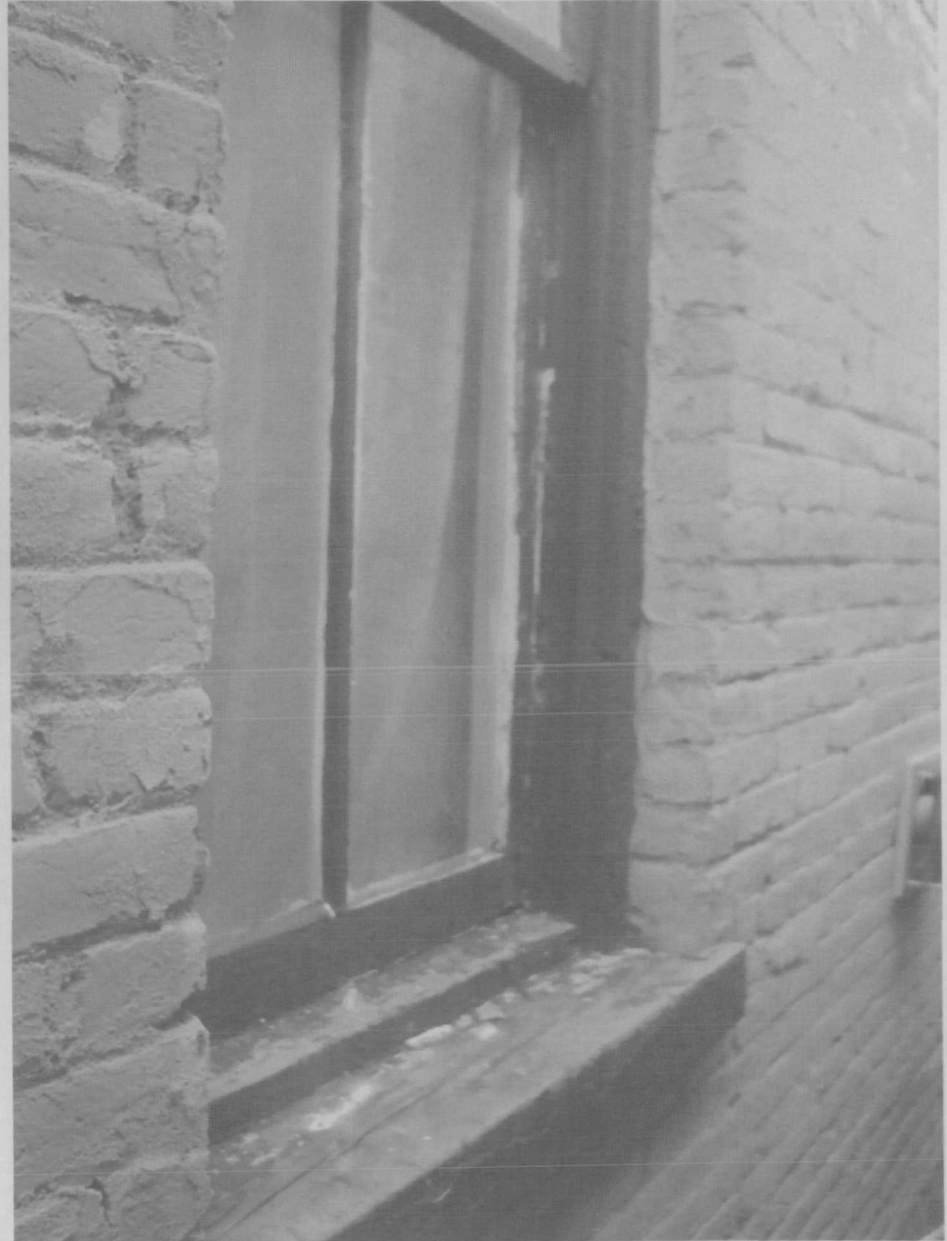
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(303) 312-6473.

Property ID # 347 / 3539 Williams Street



East exposure of house



North exposure wood window frames contain peeling lead paint